

# **Vectrox™**

## **ARCADE SYSTEM**



# **Owner's Manual**

model 3000-C1

**GCE™**  
ENTERTAINING NEW IDEAS™

**Congratulations** on being a new owner of the Vectrex™ Arcade System. With Vectrex™, you will experience the same fun and challenge of real arcade games right at home — arcade graphics, sounds and game play. That's because Vectrex™ has a special built-in arcade display, a real arcade control panel, an advanced arcade sound system and a powerful microprocessor.

An exciting and challenging new game — **Mine Storm™** — is built right into your new Vectrex™ Arcade System. A wide variety of outstanding Vectrex™ game cartridges are also available right now, including many real arcade favourites like Scramble\*, Berzerk,†† and Armor Attack\*\*. And many more games will continue to be introduced for your Vectrex™. Watch for them at your favourite store.

We wish you many hours of good fun and challenge!

### Important!

This owner's manual is important to you. Please read it. It shows you exactly how to operate your Vectrex™ Arcade System console so you can enjoy the superb game play you're entitled to. It can save you money too because it shows you simple things you can do and check before you call for help. It also contains your warranty. Please keep this booklet in a handy place for future reference.

TM General Consumer Electronics, Inc., Milton Bradley Canada, Inc., Registered User

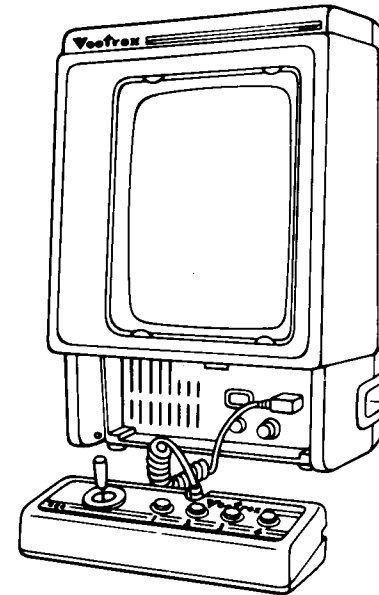
\* Trademark of and licensed by Konami Industry ©1981

†† Trademark of and licensed by Stern Electronics, Inc. ©1980

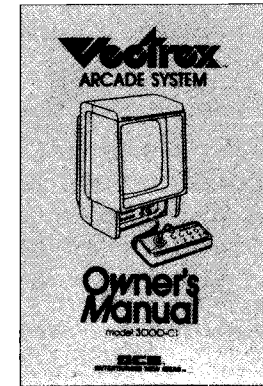
\*\* Trademark of and licensed by Cinematronics, Incorporated. ©1980

## Unpacking

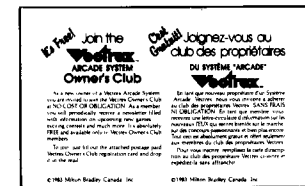
When you remove your Vectrex™ Arcade System from the box you should have these items:



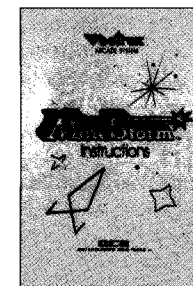
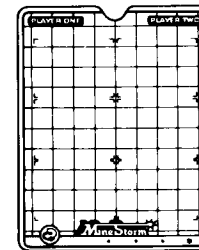
Vectrex™ Arcade System  
Console with Built-in  
Control Panel Attached



Owner's Manual



Owner's Club  
Registration Card



Screen Overlay & Instructions  
for Mine Storm™ Game

It's a good idea to save the box and styrofoam inserts in case you ever need to move or ship your Vectrex™ Arcade System.

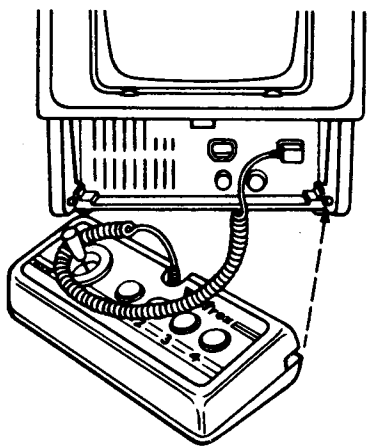
## Setting Up

Your Vectrex™ Arcade System is designed for table-top use. For the most enjoyment, select a location where the screen will be at about eye level when you are playing the games. A sturdy table, desk or shelf is suggested. Do not operate the console on a bed, sofa, carpet, etc.

**IMPORTANT:** To prevent overheating, never block the ventilation openings on the back or bottom of the console. These openings have been designed to provide proper ventilation during operation and should not be enclosed or covered in any way.

Before inserting the plug, make sure the console switch is OFF. The unit will work in any 120 volt AC 60 cycle electrical outlet. Using any other power supply will damage the unit. As a special safety feature, the plug is polarized so that it will fit into standard AC outlets in one direction only. If the plug does not slip easily into the outlet, turn it over and insert again.

## The Controls

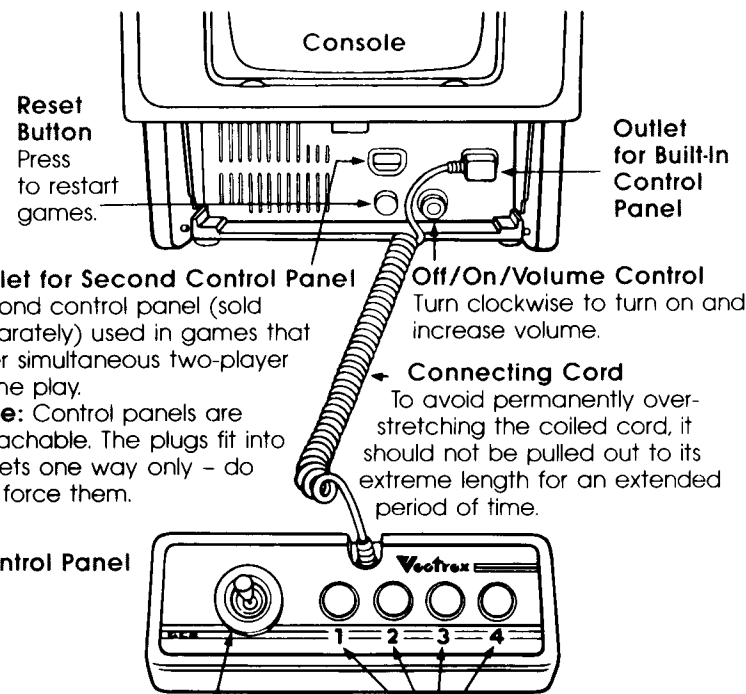


### Control Panel Storage

To remove control panel from the storage area at the bottom of the console, press the release tab and the panel will drop down.

To return control panel to its storage area:

- Coil the cord **once** around the joystick and then on top of the action buttons.
- Slide the panel onto the tabs at the bottom of the console.
- Flip up the panel until it clicks into place.



### Outlet for Second Control Panel

Second control panel (sold separately) used in games that offer simultaneous two-player game play.

**Note:** Control panels are detachable. The plugs fit into outlets one way only - do not force them.

**Off/On/Volume Control**  
Turn clockwise to turn on and increase volume.

**Connecting Cord**  
To avoid permanently overstretching the coiled cord, it should not be pulled out to its extreme length for an extended period of time.

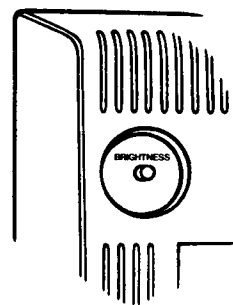
### Control Panel

### Self-Centering Joystick

Directional control for those games in which direction is a factor. For specific use, refer to instruction manual and screen overlay for each game.

### 4 Action Buttons

The functions of each button depend on the game cartridge being used. For specific uses, refer to instruction manual and screen overlay for each game.



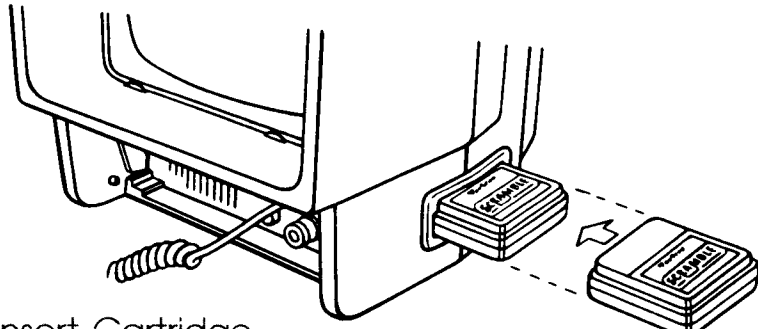
### Brightness Control (on back of console)

Turn clockwise for brighter picture. Turn counter-clockwise to reduce brightness.

*For maximum performance brightness should be adjusted so that white dot does NOT appear in centre of screen.*

## Inserting & Removing Game Cartridges

**IMPORTANT:** To prolong the life of your Vectrex™ Arcade System and protect the electronic components, the console should be turned OFF when inserting and removing cartridges.



### To Insert Cartridge

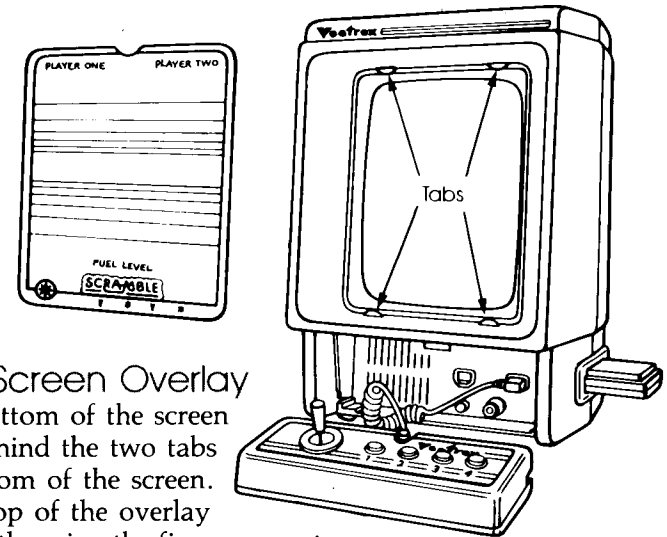
- Make sure the console's power is turned OFF.
- Hold the cartridge with the label side up.
- Insert cartridge carefully into the slot on the right side of the console.
- Be sure the cartridge is firmly inserted to the guideline marked on the cartridge.

### To Remove Cartridge

- Make sure the console's power is turned OFF.
- Pull the cartridge straight out of the slot.
- To protect the electronic components, the cartridge should be stored in the original package or other suitable container.

**IMPORTANT:** Unlike a conventional TV screen, the screen built into the Vectrex™ console uses an advanced display technology to achieve brilliantly clear images and special visual effects like rotation and zooming. Due to this special display technology, it may appear that the images pulse slightly, especially in a room with fluorescent lighting. **THIS SLIGHT PULSING IS NORMAL AND DOES NOT INDICATE A PROBLEM WITH YOUR CONSOLE.** The screen overlays that are provided with each cartridge have been specially designed to virtually eliminate the slight pulsing.

## Inserting & Removing Screen Overlays



### To Insert Screen Overlay

- Slip the bottom of the screen overlay behind the two tabs at the bottom of the screen.
- Push the top of the overlay down slightly using the finger area at the top and press against the tabs at the top until the overlay snaps into place under the tabs.

### To Remove Screen Overlay

- Place your finger in the curved area at the top of the overlay, press down slightly and pull the overlay straight out.
- Store the overlay in the original package or other suitable container.

### Starting Game Play

- Make sure the cartridge and overlay are inserted properly.  
**NOTE:** A cartridge is not needed to play Mine Storm™, which is the game built into the console.
- Turn the Off/On/Volume Control to the ON position (clockwise). You will see the Vectrex™ title for a few seconds, then the name of the game.
- Adjust the volume control to the desired listening level.
- Refer to the individual game instructions for play details.

## Maintenance and Safety Tips

Your Vectrex™ Arcade System will bring you many years of fun and excitement. In order to keep your Vectrex™ Arcade System in good working condition, please remember the following:

- Proper ventilation is very important to prevent overheating. Never block the ventilation openings on the back of the console in any way. There are also ventilation slots on the bottom which should not be blocked by placing the console on a bed, sofa, carpet, etc.  
Be careful not to spill liquids on the console, cartridges or control panel and never expose the unit to rain or excessive moisture. If this happens, unplug the console, wipe the outside dry, and then let the unit air dry for at least 48 hours before using it again.
- Do not expose the console, cartridges or control panel to excessive or extreme heat. Never place the unit near or over a radiator or heat system.
- Never remove the back cover of the console or drop or push objects through the slots in the back cover. This could expose you to very high voltage.
- If the console is damaged, a shock hazard may exist. If damaged or if there is a distinct change in performance, immediately unplug the console and have it checked by a GCE Authorized Service Centre.
- Care should be taken not to drop the console, cartridges or control panel. The console should be lifted using the convenient handle at the upper rear of the console.
- Always turn the power OFF when the unit is not in use and before inserting or removing cartridges. Do not plug into a power source other than a 120 volt AC 60 cycles electrical outlet.

Clean the screen overlays and the exterior of the console with a soft, slightly dampened cloth. Before cleaning the console, make sure the unit has been turned OFF and the power cord has been disconnected. Never use a household cleaner, cleanser or spray on the overlays or console.

## Troubleshooting Checklist

### No Picture and No Sound

- Console not plugged into a working electrical outlet.
- Power switch on console is OFF. Turn it ON.
- Check that the wall switch which controls outlet is turned on.

### No Sound; Picture OK

- Volume control turned down. Turn it up, press Reset Button and listen for music at beginning of game.

### No Picture; Sound OK

- Brightness control on back of console turned down. Turn control knob clockwise for brighter picture.

### Built-In Game Plays OK but Cartridge Game Erratic, Stops Unexpectedly, or Extraneous Graphics Appear

- Cartridge may be defective. Try another one.
- Cartridge not inserted completely. Push cartridge into slot all the way to mark on plastic housing; push Reset Button and resume play.

### Joystick or Action Buttons

#### Do Not Work or Are Erratic

- Control panel plug is loose at console outlet. Push plug all the way into outlet.
- Built-in control panel plugged into outlet for second control panel. Always plug built-in control panel into the outlet on the right when playing games that require only one control panel.

## Owner's Club

As a new owner of a Vectrex™ Arcade System, you are entitled to join the Vectrex™ Owner's Club at **NO COST OR OBLIGATION**. As a member you will periodically receive a newsletter filled with information on upcoming new games, exciting contests and much more. It's absolutely free, and available only for Vectrex™ Owner's Club members. To join, just fill out the enclosed postage-paid Vectrex™ Owner's Club Registration Card and drop it in the mail.

## TV and Radio Interference

The Vectrex™ console's electronic circuitry generates signals for its own internal use that may cause interference to nearby radio and television receivers under certain circumstances. If interference does occur, you should try one or more of the following measures to correct the problem:

- Reorient the T.V. or radio antenna.
- Move the Vectrex™ console further from the T.V. or radio.
- Plug the Vectrex™ console into a different outlet than the T.V. or radio.
- Consult your Vectrex™ dealer or an experienced T.V./radio technician for additional suggestions.

## WARRANTY

### 90 DAY LIMITED WARRANTY VECTREX™ ARCADE SYSTEM

Milton Bradley Canada, Inc. ("Milton Bradley") warrants to the original consumer purchaser (in Canada) of its Vectrex™ Arcade System that the product shall be free of defects in materials or workmanship for 90 days from the date of purchase under normal in-home use.

During the warranty period Milton Bradley will, at its option, repair or replace the product without charge for parts or labour when sent to an Authorized Service Centre with proof of the date of purchase. Milton Bradley reserves the right to utilize reconditioned parts in repairing the product or to utilize reconditioned units (carrying this same 90 day Limited Warranty) in replacing the product. Transportation or shipping charges to an Authorized Service Centre are your responsibility.

This warranty does not apply to any products or parts which have been repaired by anyone other than an Authorized Service Centre or Milton Bradley, or which have been altered, tampered with, or subjected to misuse or abuse, or damaged by negligence or by failure to abide by the operating and maintenance instructions contained in the Owner's Manual. This warranty is subject to Milton Bradley's inspection of returned products revealing that the same were defective in material or workmanship within the warranty period.

Please read the Vectrex™ Owner's Manual carefully before using the product. If a malfunction occurs, please refer to the trouble-shooting checklist in the Owner's Manual. If you cannot correct the malfunction after consulting the trouble-shooting checklist, please call the following toll-free telephone number for help in solving the problem or to locate your nearest Authorized Service Centre: 1-800-387-3152.

Units returned without proof of date of purchase, or units returned after the 90 day warranty period has expired, will be repaired or replaced, at our option, for a service charge. Payments must be made by cheque or money order in the amount of the service charge made payable to the Authorized Service Centre or to Milton Bradley if returned to the Milton Bradley Factory Service Centre.

This warranty shall not be enlarged, diminished or affected by, and no obligation shall arise or grow out of Milton Bradley's rendering technical advice or service in connection with the products. Milton Bradley assumes no liability for damages, whether consequential, direct, indirect, special or incidental, as a result of any losses suffered by the original purchaser or any third person, and whether or not such damages occur to property or to persons. Subject to making a valid warranty claim to Milton Bradley within the warranty period and having the defective product repaired or replaced in accordance herewith, the original purchaser shall have no other right to claims against Milton Bradley for any liability whatsoever.

**If you need service for your unit**, it's available during and after the 90 day warranty period. For the fastest, most convenient servicing, simply follow these steps:

1. First call the following toll-free telephone number for help in solving the problem or to locate your nearest Authorized Service Centre: 1-800-387-3152.
2. If service is needed, you can take or send the product to your nearest Authorized Service Centre for repair. The appropriate addresses will be given to you when you call the number shown above.
3. If you wish to send the product to the nearest Authorized Service Centre, please follow these steps:
  - a. Pack the product carefully in its original box. If the box is not available, use a strong carton with plenty of newspaper or padding.
  - b. Enclose a brief note telling us the specific problem you are having with the unit. Include your name and address on the note. Also enclose proof of the date of purchase if during the 90 day warranty period. If the warranty period has expired, enclose a cheque or money order for the service charge quoted by the toll-free operator.
  - c. On the outside of the carton, print the address given to you during your telephone call. Be sure to include your return address on the carton as well. Send the package prepaid by Insured Parcel Post or Courier Service.